

U.S. Patent Application Serial No. 09/663,709
Response filed December 1, 2004
Reply to OA dated September 7, 2004

AMENDMENTS TO THE CLAIMS:

Please amend claim 1, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A food comprising an angiotensin converting enzyme inhibitor containing a mixture of an oligopeptide having angiotensin converting enzyme inhibitory activity and polypeptides, said mixture being obtained by the steps of:

digesting a fish meat with thermolysin enzyme to produce a hydrolyzate, and
treating the hydrolyzate with membrane or by solvent extraction with a polar organic solvent to reduce the content of polypeptides having a molecular weight of at least 5000 to 0.1 to at most 10 % by weight of the total hydrolyzate in the mixture; and

said oligopeptide having angiotensin converting enzyme inhibitory activity is at least one selected from the group consisting of

Ile-Tyr-(SEQ.ID. NO. 2),

Phe-Gln-Pro (SEQ. ID. NO. 3),

Ile-Leu-Tyr (SEQ. ID. NO. 4),

Ile-Tyr-Ala (SEQ. ID. NO. 5),

Ile-Lys-Trp (SEQ. ID. NO. 6),

Leu-Lys-Tyr-Pro (SEQ. ID. NO. 7),

U.S. Patent Application Serial No. **09/663,709**
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Ile-Val-Arg-Asp (SEQ. ID. NO. 8),
Leu-Lys-Pro-Asn-Met (SEQ. ID. NO. 9),
Ile-Trp-His-His-Thr (SEQ. ID. NO. 10),
Ala-Leu-Pro-His-Ala (SEQ. ID. NO. 11),
Ile-Lys-Pro-Leu-Asn-Tyr (SEQ. ID. NO. 12),
Asp-Tyr-Gly-Leu-Tyr-Pro (SEQ. ID. NO. 13), and
Ile-Val-Gly-Arg-Pro-Arg-His-Gln-Gly (SEQ. ID. NO. 14).

Claim 2 (Canceled).

Claim 3 (Previously presented): The food of Claim 1, wherein the fish meat is a dried fish meat.

Claims 4-6 (Canceled).

Claim 7 (Previously presented): The food of Claim 3, wherein the dried fish is a dried bonito.

Claims 8-10 (Canceled).